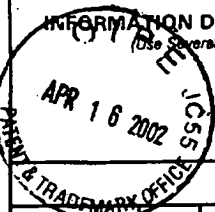
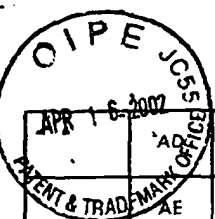


QUERY CONTROL FORM				RTIS USE ONLY	
Application No.	09888840	Prepared by	ewc	Tracking Number	05877416
Examiner-GAU	SHAH 1624	Date	1/15/04	Week Date	12-15-03
		No. of queries	- 1 -	IFW	

JACKET			
a. Serial No.	f. Foreign Priority	k. Print Claim(s)	p. PTO-1449
b. Applicant(s)	g. Disclaimer	l. Print Fig.	q. PTOL-85b
c. Continuing Data	h. Microfiche Appendix	m. Searched Column	r. Abstract
d. PCT	i. Title	n. PTO-270/328	s. Sheets/Figs
e. Domestic Priority	j. Claims Allowed	o. PTO-892	t. Other

SPECIFICATION		
a. Page Missing	MESSAGE PTO-1448 Please either initial or line through citations see attached. Please supply Abstract. Thank you ewc	
b. Text Continuity		
c. Holes through Data		
d. Other Missing Text		
e. Illegible Text		
f. Duplicate Text		
g. Brief Description		
h. Sequence Listing		
i. Appendix		
j. Amendments		
k. Other		
CLAIMS		
a. Claim(s) Missing		
b. Improper Dependency		
c. Duplicate Numbers		
d. Incorrect Numbering		
e. Index Disagrees	initials	
RESPONSE		
f. Punctuation		
g. Amendments		
h. Bracketing		
i. Missing Text		
j. Duplicate Text		
k. Other		
	initials	

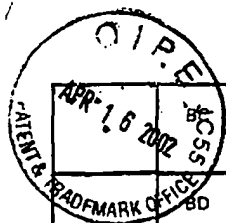
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) 		Docket Number 13780-2		Application Number 09/888,840				
		Applicant(s) WANG ET AL.						
		Filing Date June 25, 2001		Group Art Unit				
U.S. PATENT DOCUMENTS								
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	A	4,973,599	11/27/90	Gilman et al.				
	B	5,028,629	07/02/91	Lilly et al.				
	C	5,776,951	07/07/98	Arrowsmith et al.				
	D	5,883,106	03/16/99	Stevens et al.				
	E	5,883,133	03/16/99	Schwark et al.				
	F	5,912,266	06/15/99	Perez				
	G	6,110,992	8/29/2000	Wada et al.				
	H	6,110,922	8/29/2000	Link et al.				
	I	S/N 09/285,477						
	J	S/N 09/285,325						
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	N
	K	DE 2123383	12/2/71	Germany				
	L	GB 2 117 760 A	10/19/93	United Kingdom				
	M	EP 0219756	10/6/86	EPO				
	N	JP 12072766	03/07/2000	Japan				
	O	WO98/13347	04/02/98	PCT				
	P	WO98/39303	9/11/1998	PCT				
	Q	WO99/11258	03/11/1999	PCT				
	R	WO99/20617	4/29/1999	PCT				
	S	WO99/20618	4/29/1999	PCT				
	T	WO99/49856	10/07/1999	PCT				
	U	WO00/15604	3/23/2000	PCT				
	V	WO00/15645	3/23/2000	PCT				
	W	WO00/21920	04/20/200	PCT				
	X	WO00/48989	08/24/2000	PCT				
	Y	WO00/59878	10/12/2000	PCT				
	Z	WO00/60355	10/12/2000	PCT				
	AA	WO01/06984	2/1/2001	PCT				
	AB	WO01/07052	2/1/2001	PCT				
	AC	WO01/27102	4/19/2000	PCT				
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)								



	AE	Ali, H. et al., <i>Mechanisms of Inflammation and Leukocyte Activation</i> , Med. Clin. North America (1997) 81:1-28
	AF	Bella, J., et al. <i>The Structure of the Two Amino-terminal Domains of Human ICAM-1 Suggests How it Functions as a Rhinovirus Receptor and As An LFA-1 Integrin Ligand</i> . (1998) Proc. Natl. Acad. Sci. USA 95:4140-4145.
	AG	Boschelli, D.H., et al. <i>Inhibition of E-Selectin-, ICAM-1-, and VCAM-1-Mediated Cell Adhesion by Benzo[b]thiophene-, Benzofuran-, Indole-, and Naphthalene-2-Carboxamides: Identification of PD 144795 as an Antiinflammatory Agent</i> . ((1995) J. Med. Chem. 38:4597-4614.
	AH	Carlos, T.M., <i>Leukocyte-Endothelial Adhesion Molecules</i> . Blood (1994) 84:2068-2101
	AI	Edwards, C.P. et al., <i>Mapping the Intercellular Adhesion Molecule-1 and -2 Binding Site on the Inserted Domain of Leukocyte Function-associated Antigen-1</i> . (1998) J. Biol. Chem. 273:28937-28944.
	AJ	Fisher, K.L., et al., <i>Identification of the Binding Site in Intercellular Adhesion Molecule 1 for its Receptor, Leukocyte Function-associated Antigen 1</i> . (1997) Mol. Biol. Cell 8:501-515.
	AK	Gadek, T.R., et al., <i>Identification and Characterization of Antagonists of the LFA-1/ICAM-1 Protein-Protein Interaction as Novel Immunomodulatory Agents</i> . 220th ACS National Meeting, Washington, D.C., USA (2000) MEDI 177
	AL	Gahmberg, C.G., <i>Leukocyte Adhesion: CD11/CD18 Integrins and Intercellular Adhesion Molecules</i> , Curr. Opin. Cell Biol. (1997) 9:643-650
	AM	Gahmberg, C.G., <i>Leukocyte Adhesion: Structure and Function of Human Leukocyte β_2-integrins and Their Cellular Ligands</i> . (1997) Eur. J. Biochem. 245:215-232.
	AN	Green, J.M., <i>T Cell Receptor Stimulation, But Not CD28 Costimulation, Is Dependent on LFA-1-Mediated Events</i> , Eur. J. Immunology (1994) 24:265-272
	AO	Hamilton, G.S., et al., <i>Fluorenylalkanoic and Benzoic Acids as Novel Inhibitors of Cell Adhesion Processes in Leukocytes</i> . (1995) 38:1650-1656.
	AP	Henricks, P.A., <i>Pharmacological modulation of cell adhesion molecules</i> , Eur. J. Pharmacol. (1998) 344:1-13
	AQ	Huang, C., <i>A Binding Interface on the I Domain of Lymphocyte Function-associated Antigen-1 (LFA-1) Required for Specific Interaction with Intercellular Adhesion Molecule 1 (ICAM-1)</i> , (1995) 270:19008-19016
	AR	Huth, J.R., <i>NMR and Mutagenesis Evidence for an I Domain Allosteric Site That Regulates Lymphocyte Function-associated Antigen 1 Ligand Binding</i> . Proc. Natl. Acad. Sci. USA (2000) 97:5231-5236.
	AS	Kallen, J., et al., <i>Structural Basis for LFA-1 Inhibition upon Lovastatin Binding to the CD11a I-Domain</i> , J. Mol. Biol. (1999) 292:1-9
	AT	Kelly, T.A., <i>Cutting Edge: A Small Molecule Antagonist of LFA-1-Mediated Cell Adhesion</i> , J. Immunol. (1999) 163:5173-5177
	AU	Kishimoto, T.K., <i>Integrins, ICAMs and Selectins: Role and Regulation of Adhesion Molecules in Neutrophil Recruitment to Inflammatory Sites</i> , Adv. Pharmacol. (1994) 25:117-169
	AV	Landis, R.C. <i>Involvement of The "I" domain of LFA-1 in Selective Binding to Ligands ICAM-1 and ICAM-3</i> , J. Cell Biol. (1994) 126:529-537
	AW	Link, J.T., et al., <i>Discovery and SAR of Diarylsulfide Cyclopropylamide LFA-1/ICAM-1 Interaction Antagonists</i> . Bioorg. Med. Chem. Lett. (2001) 11:973-976
	AX	Liu, G., <i>Small Molecule Antagonists of the LFA-1/ICAM-1 Interaction as Potential Therapeutic Agents</i> , Expert Opin. Ther. Patents (2001) 11(9) 1383-1393.
	AY	Liu, G., et al., <i>Discovery of Novel P-arylthio Cinnamides as Antagonists of Leukocyte Function-associated Antigen-1/intracellular Adhesion Molecule-1 Interaction. 1. Identification of an Additional Binding Pocket Based on an Anilino Diaryl Sulfide Lead</i> . J. Med. Chem. (2000) 43:4025-4040
	AZ	Liu, G., et al., <i>Novel P-arylthio Cinnamides as Antagonists of Leukocyte Function-associated Antigen-1/intracellular Adhesion Molecule-1 Interaction. 2. Mechanism of Inhibition and Structure-based Improvement of Pharmaceutical Properties</i> . (2001) J. Med. Chem. 44:1202-1210.
	BA	Lu, C., et al., <i>An Isolated, Surface-expressed I Domain of the Integrin $\alpha\beta_2$ Is Sufficient for Strong Adhesive Function When Locked in the Open Conformation with a Disulfide Bond</i> . Proc. Natl. Acad. Sci. USA (2001) 98:2387-2392
	BB	Nakano, T., et al., <i>Adxanthromycins A and B, New Inhibitors of ICAM-1/LFA-1 Mediated Cell Adhesion Molecule from Streptomyces sp NA-148</i> , J. Antibios. (Tokyo) (2000) 53:12-18

RECEIVED
MAY 06 2002
TECH CENTER 6001/2900

RECEIVED



APR 16 2002	BD	Pei, Z., et al., <i>Discovery of Potent Antagonists of Leukocyte Function-associated Antigen-1/intercellular Adhesion Molecule-1 Interaction. 3. Amide (C-ring) Structure-activity Relationship and Improvement of Overall Properties of Arylthio Cinnamides</i> . J. Med. Chem. (2001) in press.
	BE	Sanfilippo, P.J. <i>Novel Thiazole Based Heterocycles as Inhibitors of LFA-1/ICAM-1 Mediated Cell Adhesion</i> , J. Med. Chem. (1995) 38:1057-1059
	BF	Springer, T.A., <i>Adhesion Receptors of the Immune System</i> , Nature (1990) 346:425-434
	BG	Stanley, P., et al., <i>The I Domain of Integrin LFA-1 interacts with ICAM-1 Domain 1 at Residue Glu-34 But Not Gln-73</i> . (1998) J. Biol. Chem. 273:3358-3362.
EXAMINER		DATE CONSIDERED
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>		

RECEIVED
 MAY 06 2002
 TECH CENTER 1600/2900